

20071811, 121401

**FIGURE 1**

SEQ ID NO: 10	*	*	*	*	*	*
SEQ ID NO: 10	MATTQSCQSSSCAKAAACFPAAVAVDEEHGHHSHQLKGGAQEAEENDNKKPELRRGPW					
SEQ ID NO: 14	M-----RKGPP					
SEQ ID NO: 26	MGRPPCC-----DKVGVKKGPP					
SEQ ID NO: 30	MDK-----KQLCNTSQD-PEVRKGPW					
SEQ ID NO: 32	MDK-----K-LGNTSHD-PEVRKGPW					
SEQ ID NO: 34	MDK-----KPCDSS-HD-PEVRKGPW					
SEQ ID NO: 36	MDK-----KQCKTSQD-PEVRKGPW					
SEQ ID NO: 42	MST-----IAKRDLSNEESELRRGPW					
SEQ ID NO: 44	M-----SSNTLLSSEDEM-----DLRRGPW					
SEQ ID NO: 46	M-----DEKGR-----DLRRGPW					
SEQ ID NO: 48	MST-----SKSVSSSEDDNLELRRGPW					
SEQ ID NO: 50	MST-----SKSVSSSEDDNLELRRGPW					
SEQ ID NO: 54	MGRPPCC-----DKGVKKGPP					
SEQ ID NO: 63	MDK-----KPC-NSSQD-PEVRKGPW					

[illegible]

## FIGURE 1 CONTINUED

SEQ ID NO: 50	TLEEDNLISQYISSHGEGRWLLAKRSGLK---RTGKSCRLLWNLKPKDVKRGNLTPOE	61
SEQ ID NO: 54	TPEEDIIVSYIQEHGPGNWRAPAKTGLS---RCSKSCRLLWNLKPKDVKRGNLTPOE	120
SEQ ID NO: 63	TWEEDLILINYIANHGEVWNLAKAAGLK---RTGKSCRLLWNLKPKDVKRGNLTPEE	120
	61	
SEQ ID NO: 10	QLLILDHTRWGNRWSKIAQHLPGRTDNEIKNYWTRVQKHAKQLKNCNDSKRFKDA---	
SEQ ID NO: 14	ERMVQLHAKLGNRWSRIAKSIPGRTDNEIKNYWTRHLRK---LKLKQKQOQSD---	
SEQ ID NO: 26	EKLIVHLQALLGNRWAAIASYLPERTDNEIKNYWTHLKKLKKWQAGGEDSGAASEG	
SEQ ID NO: 30	QLLIMELHAKWGNRWSKIAKHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 32	QLLIMELHAKWGNRWSKIAKHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 34	QLLIMELHAKWGNRWSKIAKHLPGRTDNEIKNYWTRIOKHILKQAE-TSQQHGNSS---	
SEQ ID NO: 36	QLLIMELHAKWGNRWSKIAKHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 42	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 44	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 46	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 48	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 50	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 54	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	
SEQ ID NO: 63	QLLILELHAKWGNRWSKIAQHLPGRTDNEIKNYWTRIOKHILKQAE-N-FOQISN---	121
	121	
SEQ ID NO: 10	-----MRYLWMPHLADDVDTIAAADDD-EDHHNLLRLLVLLHHQAO	
SEQ ID NO: 14	-----HH-----NDNDDDDRRSS-SSSSSSNSNLQOQPO-	
SEQ ID NO: 26	GGGRGDGGGSKVKAAPKGQWERLQTDHTARQALRDALS-----LDHPDPSPAT	
SEQ ID NO: 30	-----NSEINDHQS---TSHVSTWAEPMETYSPPF	
SEQ ID NO: 32	-----SEITYHPQAC---TSQVSTWAEPMETYSPPF	
SEQ ID NO: 34	-----ENSNNDDHQSNS-TSKVSTWAEPMETYSPPF	

FIGURE 1 CONTINUED

SEQ ID NO:36  
SEQ ID NO:42  
SEQ ID NO:44  
SEQ ID NO:46  
SEQ ID NO:48  
SEQ ID NO:50  
SEQ ID NO:54  
SEQ ID NO:63

-----NSEINDHOAS--TSHVSTMAEPWEMYSPPC  
-----XKCFWPRLLQK--NEQNSP--SPHISM-----TNMM  
-----MYIWMPLRVE-----RI-QATAAASAPQVTPPRP  
-----MYLXXXKARG-THSSSGDGRN-HRNCGRHOQCIHURXOP  
-----VRFWPRLLQK--AKESSNN-SIQNAIEMPFYVSQHL  
-----VRFWPRCFKK--PKNH-----LLQPCQFKTRQL  
-----PRGWERRLQTDIQMAKRALSEALSPKPKPSCLASNSNPDS  
-----MS-----LEINDHHHHHPHQPS-SQVSNLVEPMETYSPTS  
-----

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SEQ ID NO:10  
SEQ ID NO:14  
SEQ ID NO:26  
SEQ ID NO:30  
SEQ ID NO:32  
SEQ ID NO:34  
SEQ ID NO:36  
SEQ ID NO:42  
SEQ ID NO:44  
SEQ ID NO:46  
SEQ ID NO:48  
SEQ ID NO:50  
SEQ ID NO:54  
SEQ ID NO:63

HLQAAAAAGGAANDLAAGAYDVRL---HALPSSGMAATSSSDSLASESYDDGGLIFAN  
-----PEDE---SSAGSLQAQHEDQHLFLH-PLWNDDIIYDVDCWSSSTNVVA  
AAAAATPAGSSAA---YASSADNIARLLQGMWR--PGGGGGNGKGPEA---SGTST  
YQGLM-----EPFS-----DPS-----  
YQGLM-----EPFQ-----EPST-----  
YQGLM-----EPFQ-----EPST-----  
NLGNSG---EASMSWSSFNINPSMSSSPKGNLLWM-----MP-----NHF-  
YTTKFEVLNHKGRMGLTDPVANNDVGVSHVTRYPTPENSSTGASSSDSFGTQVSTISD  
TVGTTPPWQPCNEAGPTYMDQHEQTQTRTNNGSCISLSESANIPKP-----QHFG  
L-----CLLMV---FUS-----IQL-----  
SSSFSSTKPTTTQSVCYASSADNIARMLKGWMKNPPKSSRTNSMTQNSFNLAGADTA  
YQGLM-----EPF-P-----  
-----

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FIGURE 1 CONTINUED

SEQ ID NO:10	LRAGMLMDGDWAAQQEADQGL-----WPPPPPPPSDLQSVVQAAGAGAGQFQ----	D
SEQ ID NO:14	PP-----PM-----PAS-----	
SEQ ID NO:26	TATTOQQPQCSGEGAASA-----SASASQSGAAAAATAQT-----	PECS
SEQ ID NO:30	-----T-----IQPP-----T	
SEQ ID NO:32	-----T-----QFL-----Q	
SEQ ID NO:34	-----QPP-----T	
SEQ ID NO:36	-----KYVQ-----PHQIPRF-----LPIFTAT-----	
SEQ ID NO:42	L-----ITNSRFTITRA-----	
SEQ ID NO:44	LTENSSVPENTNSADY--YQPSQISNY--SDNCITSPSGFLPQGLDQSGMD-----	
SEQ ID NO:46	HTTITQFHAL-----NTNDEGTTTYEGYN--VNNNVYEMDNFKTTTWWVAEDAQPIGDCQ	
SEQ ID NO:48	---LGPYHHI---HT-----PLG-----	
SEQ ID NO:50	CSSGAKGPLSSAELSENPFESL----FDFQDSLESSNSDQFSQSLS-----	PEAT
SEQ ID NO:54	-----TQPP-----T	
SEQ ID NO:63		

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FIGURE 1 CONTINUED

SEQ ID NO:10	MELSGWV-----QGFSEITDNFWALEEIWKMQ.-----
SEQ ID NO:14	---PLWDID-----DAFFCSDYSLPLWG.-----
SEQ ID NO:26	TETSK---MATGGAGGAPAFMSLIESWLLDDGGMGLMDVPLGDPSEFF
SEQ ID NO:30	INPDQ-----SSCTNDNNNSINYWSMEDIWSMQLN---GD.----
SEQ ID NO:32	-NPHH-----SSCTNDNDDNN-NYWSMEDIWSQL-A---NY.----
SEQ ID NO:34	SMINQ-----VVVPATT-----TIGASRISGRLC---NYSMEIN
SEQ ID NO:36	INPDQ-----SSCTNDNNN-INYWSMEDSWMQLN---G---D
SEQ ID NO:42	-----KWG-----
SEQ ID NO:44	-PNTPNMQSGDSSDN-----FWDVESMLFLEQQL-----MNDNM-
SEQ ID NO:46	MYGCSNWV-----NNDFACNWNNDLWQFSKLQ-----K
SEQ ID NO:48	-----RDLV.-----
SEQ ID NO:50	VLQDE---SKPDINIAAEIMPFSLLLEKWLIDEAGCOEKLVGCCGDAK-FF
SEQ ID NO:54	INNDH-----HQNSNCANDNNN-NYWSMEDIWSMQLN---G---D
SEQ ID NO:63	-----D

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